Philips
flat HDTV with Pixel Plus 2 HD and Ambilight 2 channel

50"
plasma

50PF9830A

Turn up your viewing experience

with Pixel Plus 2 HD and Ambilight 2

Enjoy the ultimate viewing experience with this Philips integrated HDTV with Pixel Plus 2 HD, Ambilight 2 and the latest Plasma technology.

Be an eyewitness
- High Definition plasma WXGA display, 1366 x 768p
- Integrated HDTV and CableCARD for unrivalled picture quality
- Enjoy HDTV that's truer than anything you've seen before
- Pixel Plus 2 HD improves details in standard TV and HDTV
- 2-channel active Ambilight enhances the viewing experience

True beauty lies in the details
- Matching design swivel stand included

Perfect picture quality from your digital photos
- USB and Memory-Card slot for instantly playing multimedia

Advanced connection to your audio/video products
- HDMI for full digital High Definition connection

PHILIPS
sense and simplicity

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50" plasma

50PF9830A/37

Specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 1500 cd/m²
- Contrast ratio (typical): 10000:1
- Viewing angle (H / V): 160 / 160 degree
- Diagonal screen size: 50 inch / 127 cm
- Display screen type: Plasma HD panel
- Panel resolution: 1366 x 768p
- Picture enhancement: 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Pixel Plus 2 HD, Progressive Scan, Widescreen Plus
- Screen enhancement: Anti ageing circuit, Anti-Reflection coated screen

Ambilight
- Ambilight Features: 2 Channel Left/Right control, Ambilight 2 Channel, Auto adaptive to video content
- Color Settings: Full Multi Color
- Dimming Function: Manual and via Light Sensor
- Preset modes: 4 Active Adaptive modes, 2 Preset & 1 Personal color

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz

- Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound
- Output power (RMS): 2x15W
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- Sound System: Virtual Dolby Digital

Loudspeakers
- Built-in speakers: 2
- Loudspeaker types: Front Speakers

Multimedia Applications
- Digital Content Management: Digital Media Reader
- Memory Card Types: Compact Flash type I, Compact Flash type II, Memory Stick, Microdrive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card
- Multimedia connections: USB
- Playback Formats: JPEG Still pictures, MP3, Slideshow files (.alb)

Tuner/Reception/Transmission
- Aerial Input: 75 ohm F-type
- Cable: Unscrambled Digital Cable -QAM, Digital Cable Ready CableCARD
- TV system: ATSC, NTSC
- Video Playback: NTSC

Connectivity
- AV 1: (1, 2, 3Fh autoranging), Audio L/R in, Component Video in, CVBS in, RGB+H/V, Y/C, YPbPr
- AV 2: Audio L/R in, CVBS, Y/C
- AV 3: (1, 2, 3Fh autoranging), S/PDIF digital coaxial, YPbPr
- AV 4: HDMI
- AV 5: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in, 2x USB, Multi-slot memory card reader
- Other connections: Monitor out, CVBS, L/R (cinch), S/PDIF in (coaxial), S/PDIF out (coaxial), Cable Card Interface

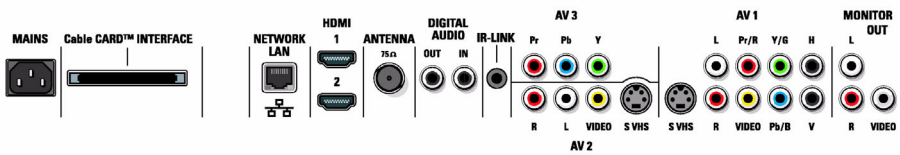
Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Smart Clock
- Ease of Installation: Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: Channel list, Delta Volume per preset, On Screen Display, Side Control, Smart Picture Control, Smart Sound Control
- Picture in Picture: HDMI-Component PIP
- Remote Control: Amp, CBL, DVD, DVD-R, Sat, STB, Universal and Learnable, VCR
- Remote control type: RC4318
- Screen Format Adjustments: 7 Widescreen Modes, Auto Format, Subtitle and Heading Shift
- Teletext: Closed Captioning Full Text

Accessories
- Included Accessories: Tabletop swivel stand

Dimensions
- Product dimension (WxDxH) inch: 55.7 x 30.7 x 4.1"
- Weight incl. Packaging (lb): tbc
- Product weight (lb): 132.3
- Color cabinet: Pearl White Silver (11092)
- VESA wall mount compatible: 800,400 mm

Power
- Ambient temperature: +5 -/+ 40 C
- Mains power: AC 110-120V (+/-10%)
- Power consumption: 406 W
- Standby power consumption: <2W

Rear connectors



Side connectors

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Product highlights

Plasma WXGA panel, 1366 x 768p
This state-of-the-art plasma screen technology gives you widescreen HD resolution of up to 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures in with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Digital Cable Ready
The CableCARD is a removable card distributed by the cable providers that is inserted in the TV. This enables the "Plug-and-Play DTV" functionality as agreed between cable operators and consumer electronics manufacturers. It allows the decoding of encrypted or scrambled content delivered from the cable system. CableCARD functionality includes conditional access and copy protection. A CableCARD-enabled television without a CableCARD inserted receives high-definition standard TV broadcasts. When a CableCARD is inserted, the television receives high-value high-definition, cable programming.

HDTV
HDTV delivers exceptional picture quality and real movie-viewing experience that makes television more dynamic, truer than anything you've seen before. It is the latest and best television signal available. It features picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity and circuitry design.

Pixel Plus 2 HD
Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colors and smooth and natural motion from standard TV, High Definition signals and multimedia sources. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artefacts in compressed multimedia content are detected and reduced, ensuring that the picture is clean and razor sharp. Digital noise reduction ensures that the picture is perfectly smooth yet razor sharp.

Ambilight 2 channel
Ambilight makes an impressive contribution to the overall viewing experience by producing ambient light to complement the colors and light intensity of the on-screen image. It adds a new dimension to the viewing experience, completely immersing you into the content you are watching. It creates ambiance, stimulates more relaxed viewing, and improves perceived picture detail, contrast and color. Ambilight automatically and independently adapts its colors according to the changing content on the screen.

Bypacked swivel stand
For maximum freedom of placement, this high-quality stand is designed specifically for this TV, and allows easy placement of your Flat TV without drilling holes in the wall. Enjoy the best viewing angle with the convenience of the 40 degrees of swivel (20 degrees each side). Invisible cable management is included in the back. This stand fits seamlessly on the matching accessory floorstand.

USB and Memory Card slot
Instantaneously view and share your movies, photos and music. The Memory Card slot will accept cards of type Compact Flash I and II, Memory Stick, SD Card / Mini SD Card, Smart Media, Micro Drive (up to 2 GB) and Multi Media Card. Simply plug the memory card into slot at the side of the TV, and access the multimedia files stored on the card. The USB connector allows access to multimedia files of most USB-sticks and most digital cameras (USB memory-class device).